

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Cancel)
2. (Currently Amended) The bone dowel as claimed in claim ~~[[1]]~~ 11, wherein the annular ribs include sharp edges, are in the form of barbs, and comprise a steep flank directed toward the dowel head part, and a gentle flank directed toward the dowel base part.
3. (Currently Amended) A bone dowel for receiving an inserted screw to mutually fix bone fragments by means of an osteosynthesis plate, the dowel comprising:
 - a dowel jacket comprising a head part and a base part and further having a circular cross section, being conically shaped on the outside, tapering from the dowel head to the dowel base, and having a through-hole with a uniform cross section along a length of the dowel;
 - the dowel jacket further having a continuous longitudinal slit, providing a continuously C-shaped cross section of the dowel;
 - a limiting head flange comprising a countersunk head formed integrally on the head part;
 - a bevel in the area of the longitudinal slit and on the head part, the bevel having a width that decreases from the head part inward; and
 - annular ribs distributed with axial spacings along the entire length of the dowel jacket; and

the bone dowel ~~as claimed in claim 1~~, further comprising longitudinal ribs and longitudinal webs, disposed on the dowel jacket to secure the dowel against rotation.
4. (Previously presented) The bone dowel as claimed in claim 3, in which the longitudinal webs each extend between the annular ribs, and the webs have an outer edge extending to a maximum radial height of the annular ribs.

5. (Previously Presented) The bone dowel as claimed in claim 4, in which the axially adjacent longitudinal webs are each mutually offset in the circumferential direction.

6. (Currently Amended) The bone dowel as claimed in claim 2, in which the gentle trailing flanks of the ribs directed toward the base part are of cone-shaped configuration and each of the trailing flanks extends as far as the steep leading flank of a following one of the annular ribs.

7. (Currently Amended) The bone dowel as claimed in claim ~~[[1]]~~ 11, wherein the bevel is configured as a V-shaped inlet aperture of the longitudinal slit.

8. (Previously Presented) The bone dowel as claimed in claim 3, wherein the longitudinal ribs have a height that decreases from the head flange toward the first transverse rib.

9. (Currently Amended) ~~The bone dowel as claimed in claim 1,~~
A bone dowel for receiving an inserted screw to mutually fix bone fragments by means of an osteosynthesis plate, the dowel comprising:

a dowel jacket comprising a head part and a base part and further having a circular cross section, being conically shaped on the outside, tapering from the dowel head to the dowel base, and having a through-hole with a uniform cross section along a length of the dowel;

the dowel jacket further having a continuous longitudinal slit, providing a continuously C-shaped cross section of the dowel;

a limiting head flange comprising a countersunk head formed integrally on the head part;

a bevel in the area of the longitudinal slit and on the head part, the bevel having a width that decreases from the head part inward; and

annular ribs distributed with axial spacings along the entire length of the dowel jacket; and

~~wherein~~ the dowel jacket base part has a dome shape, and there is a last annular rib in the base part that merges into the dome shape of the dowel jacket base part.

10. (Currently Amended) The bone dowel as claimed in claim ~~[[1]]~~ 11, wherein the dowel is of absorbable material.

11. (Previously Presented) A bone dowel for receiving an inserted screw to mutually fix bone fragments by means of an osteosynthesis plate, the dowel comprising:
a dowel jacket comprising a head part and a base part and further having a circular cross section, being conically shaped on the outside, tapering from the dowel head to the dowel base, and having a through-hole with a uniform cross section along a length from the head part to the base part;

the dowel jacket further having a continuous longitudinal slit providing a continuously C-shaped cross section of the dowel;

a limiting head flange comprising a countersunk head formed integrally on the head part;

a bevel in the area of the longitudinal slit and on the head part, the bevel having a width that decreases from the head part inward;

annular ribs distributed with axial spacings along the entire length of the dowel jacket;

and

longitudinal ribs and longitudinal webs disposed on the dowel jacket to secure the dowel against rotation.

12. (Previously Presented) A bone dowel for receiving an inserted screw to mutually fix bone fragments by means of an osteosynthesis plate, the dowel comprising:

a dowel jacket comprising a head part and a base part and further having a circular cross section, being conically shaped on the outside, tapering from the dowel head to the dowel base, and having a through-hole with a uniform cross section along a length of the dowel;

the dowel jacket further having a continuous longitudinal slit providing a continuously C-shaped cross section of the dowel;

a limiting head flange comprising a countersunk head formed integrally on the head part;

a bevel in the area of the longitudinal slit and on the head part, the bevel having a width that decreases from the head part inward;

annular ribs distributed with axial spacings along the entire length of the dowel; and
longitudinal ribs and longitudinal webs, disposed on the dowel jacket to secure the dowel against rotation, the longitudinal webs each extend between the annular ribs, and the webs have an outer edge extending to a maximum radial height of the annular ribs.

13. (Previous Presented) A bone dowel for receiving an inserted screw to mutually fix bone fragments by means of an osteosynthesis plate, the dowel comprising:

a dowel jacket comprising a head part and a base part and further having a circular cross section, being conically shaped on the outside, tapering from the dowel head to the dowel base, and having a through-hole with a uniform cross section along a length of the dowel;

the dowel jacket further having a continuous longitudinal slit providing a continuously C-shaped cross section of the dowel;

a limiting head flange comprising a countersunk head formed integrally on the head part;

a bevel in the area of the longitudinal slit and on the head part, the bevel having a width that decreases from the head part inward; and

annular ribs distributed with axial spacings along the entire length of the dowel jacket;

and

longitudinal ribs and longitudinal webs disposed on the dowel jacket to secure the dowel against rotation and said longitudinal webs are each mutually offset in the circumferential direction.

14. (Previous Presented) A bone dowel for receiving an inserted screw to mutually fix bone fragments by means of an osteosynthesis plate, the dowel comprising:

a dowel jacket comprising a head part and a base part and further having a circular cross section, being conically shaped on the outside, tapering from the dowel head to the dowel base, and having a through-hole with a uniform cross section along a length of the dowel;

the dowel jacket further having a continuous longitudinal slit providing a continuously C-shaped cross section of the dowel;

a limiting head flange comprising a countersunk head formed integrally on the head part;

a bevel in the area of the longitudinal slit and on the head part, the bevel having a width

that decreases from the head part inward; and

annular ribs distributed with axial spacings along the entire length of the dowel; and

longitudinal ribs and longitudinal webs disposed on the dowel jacket to secure the dowel against rotation, the longitudinal ribs have a height that decreases from the head flange toward the first transverse rib.

15. (Previous Presented) A bone dowel for receiving an inserted screw to mutually fix bone fragments by means of an osteosynthesis plate, the dowel comprising:

a dowel jacket comprising a head part and a base part and further having a circular cross section, being conically shaped on the outside, tapering from the dowel head to the dowel base, and having a through-hole with a uniform cross section along a length of the dowel;

the dowel jacket further having a continuous longitudinal slit providing a continuously C-shaped cross section of the dowel;

a limiting head flange comprising a countersunk head formed integrally on the head part;

a bevel in the area of the longitudinal slit and on the head part, the bevel having a width that decreases from the head part inward; and

annular ribs distributed with axial spacings along the entire length of the dowel jacket, and a last annular rib in the base part that merges into the dome shape of the dowel jacket base part.